

Docket HT98-034C
S/N 09/443,447



To: Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

From: George O. Saile, Reg. No. 19,572
28 Davis Avenue
Poughkeepsie, NY 12603

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DEC 04 2003
TC 1700

10 Subject:

Docket HT98-034C
S/N 09/443,447
File date: 11/22/1999
Inventor: J.W. Chang

**Title : A GMR CONFIGURATION WITH ENHANCED SPIN
FILTERING**

Group Art Unit: 1775
Examiner: Lavilla

file: ht98-034C-ROA5- dated 2003-05-19- as sent to pok Oct 30 -2003.doc

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RESPONSE TO PATENT OFFICE

Dear Sir:

In response to the office action dated 05/19/2003, please consider the following remarks:

CERTIFICATE OF MAILING

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patent and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, on November 19, 2003.

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Signature/Date


Stephen B. Ackerman, Reg#37,761
11/19/03

12/01/2003 RMEBRAHT 00000129 190033 09443447

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This response to Office Action has the following sections:

- **Amendments to the Specification** begin the next page of this paper
- **Amendments to the Claims** are reflected in the listing of claims that begin on the page after the Amendments to the Specification.
- **Remarks/Arguments** begin on the page following the amendments to the claims.